

ANTIGENIX AMERICA Inc.
1-800-558-1008
PRODUCT INFORMATION SUMMARY

Human IL 17

Purified Factor	Product Number	HC01720B	25.0 ug
		HC01720A	5.0 ug

DESCRIPTION:

Human Interleukin-17 (IL 17) is produced primarily from activated CD4+ T cells and is believed to induce IL 6 and IL 8 production on targets cells, including expression of ICAM-1 (Intracellular Adhesion Molecule) on fibroblasts. Human IL 17 exhibits high degree of homology with HVS13 (Herpesvirus saimiri) and with murine CTLA8. Molecular weight of 15.5 kDa subunits (homodimer), with 136 aa. residues.

SOURCE: E. Coli

Purity > 97% by HPLC analysis
Endotoxin < 0.1 ng per ug IL 17

BIOLOGICAL ACTIVITY:

Fully biologically active when compared to standards. Specific activity of 3.3×10^4 units/mg, as determined by dose dependent induction of IL 6 by BALB/3T3 cells.

HANDLING AND STORAGE:

Purified Human IL 17 factor is provided lyophilized. Store lyophilized, at -20° C. Can be reconstituted with **distilled water** to a concentration of 100 ug/mL, then dilute in PBS or other buffered solutions **containing carrier protein (BSA) or serum**. Store small aliquots at -20° C for long-term storage, at high concentration. **Microcentrifuge before reconstitution.** Because ANTIGENIX factors are provided without carrier proteins like sucrose or BSA, the small quantities of lyophilized protein can adhere to the sides and cap of the vial during manufacture. **Before opening the vial**, we recommend microcentrifuging for 30 seconds to spin-down all material.

WARRANTY:

Products sold hereunder are warranted only to conform to the quantity and contents stated on the label at the time of delivery to the customer. There are no warranties, expressed or implied, which extend beyond the description on the label of the product.

RESEARCH USE ONLY -NOT for DRUG USE